KONDRATOV, A.

Linguistic clock. Znanie-sila 38 no.1:12-14 Ja '63. (MIRA 16:3)
(Language and languages)

KONDRATOV, A.

Universal code of science. Znan.-sila 38 no.2:17-22 F '63.
(MIRA 16:3)
(Programming languages (Electronic computers))

KONDRATOV, A.

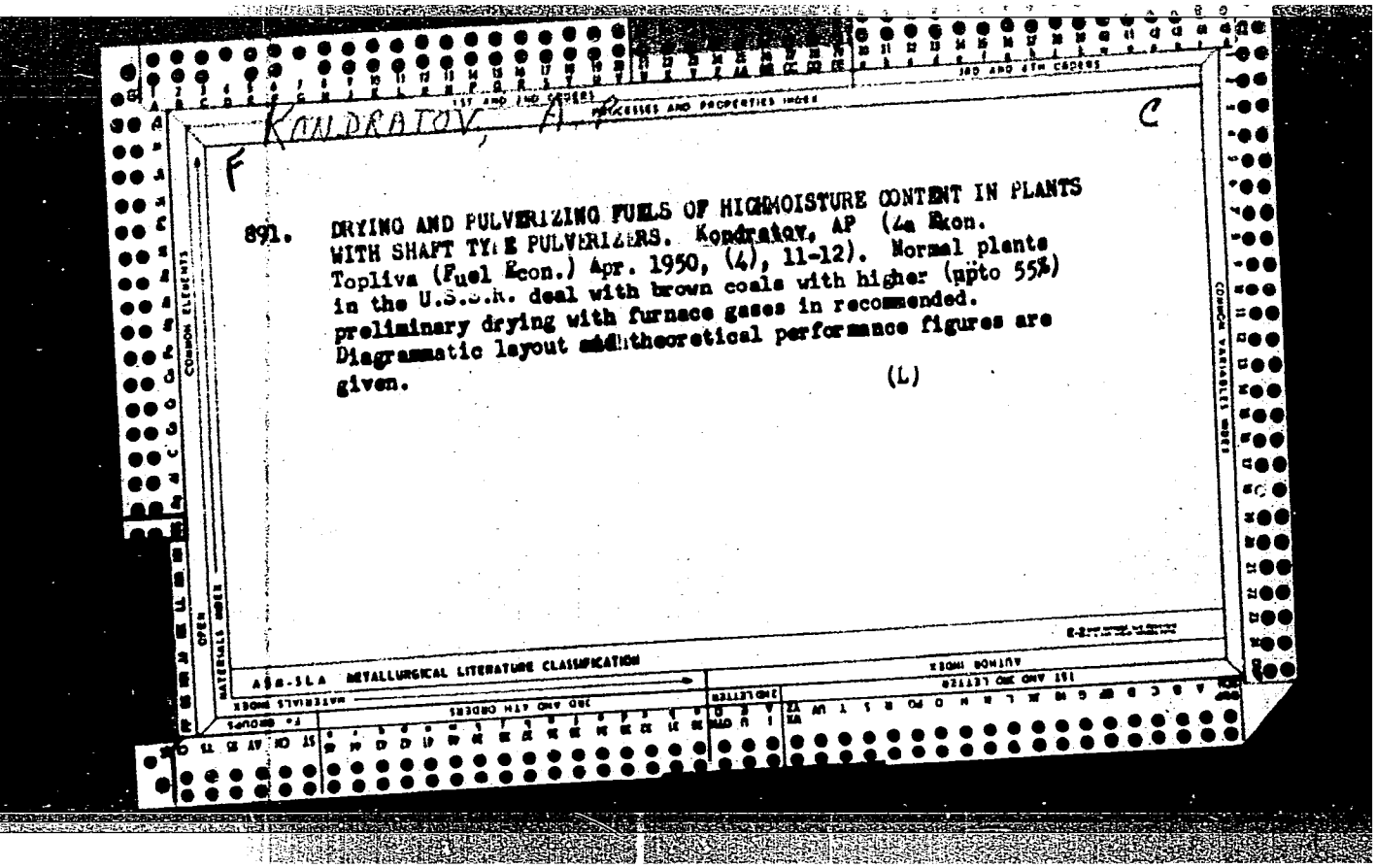
What the semioticians talk about.... Znan.-sila 38 no.3:10-13 Mr '63. (MIRA 16:10)

KONDRATOV, A.

Is art a language? Znan.-sila 38 no.5:1-4 My '63. (MIRA 16:11)

KONDRATOV, A.M. (Kuybyshev)

Information theory and poetics. Probl. kib. no.9:279-286 '63.
(MIRA 17:10)



KONDRATOV, A P

F C

891. DRYING AND PULVERIZING FUELS OF HIGHMOISTURE CONTENT IN PLANTS WITH SHAFT TYPE PULVERIZERS. Kondratov, AP (4a Ekon. Topliva (Fuel Econ.) Apr. 1950, (4), 11-12). Normal plants in the U.S.S.R. deal with brown coals with higher (upto 55%) preliminary drying with furnace gases in recommended. Diagrammatic layout and theoretical performance figures are given. (L)

A8a-5LA METALLURGICAL LITERATURE CLASSIFICATION

KONDRATOV, A.S.

Preventing high-frequency in high-speed machining of tough stsds. Stan.i inst. 26 no.9:21-22 S '55. (MLRA 9:1)
(Cutting tools--Vibration)

KONDRATOV, A.S.

KONDRATOV, A.S., kandidat tekhnicheskikh nauk.

New design of **vibration** dampers for cutting tools used in machining hard **steels**. Trudy MATI no.32:78-79 '59. (MLRA 10:8)
(Cutting tools--Vibration)

[redacted], kandidat tekhnicheskikh nauk.

Graphic determination of grinding angles for milling cutters and cutting tools. Trudy MATI no.32:154-160 '57. (MLRA 10:8)
(Cutting tools)

KONDRATOV, A.S.

25(1) PHASE I BOOK EXPLOITATION SOV/3090

Moscow. Aviatsionnyy tekhnologicheskiy institut

Issledovaniye protsessov vysokoproizvoditel'nogo obrabotki metallov rezaniyem (Analysis of High-productivity Metal-cutting Processes) Moscow, Oborongiz, 1959. 130 p. (Series: Its: Trudy, vyp. 38) 3,600 copies printed.

Sponsoring Agency: Ministerstvo vysshego obrazovaniya SSSR.

Ed. (Title page): A.I. Isayev, Doctor of Technical Sciences, Professor; Ed. (Inside book): S.I. Kamshteyn, Engineer; Ed. of Publishing House: P.S. Morozova; Tech. Ed.: P.A. Publikova; Managing Ed.: A.S. Lapovskaya, Engineer.

PURPOSE: This collection of articles is intended for designers and engineers in the field of machine-tool equipment and mechanical machining. It may also be useful to workers at scientific research institutes and aspirants.

COVERAGE: This collection of articles deals with problems arising in high-productivity metal-cutting processes. Emphasis is given to grinding operations for parts made from constructional alloys. Machining regimes and methods of improving machining operations are presented. No personalities are mentioned. References follow each article.

Kondratov, A.S. [Candidate of Technical Sciences]. Frequency and Amplitude of High-frequency Vibrations of Single-point Tools During High-speed Cutting of Steels With Poor Machinability 77

Isayev, A.I., and S.I. Kamshteyn [Candidate of Technical Sciences]. Effect of the Dynamics of the Cutting Process and the Rigidity of the Tool on the Accuracy in Cutting Spiral Bevel Gears 87

Silant'yev, A.V. [Candidate of Technical Sciences]. Three-component Dynamometer With Inductive Transducers for Lathes 125

AVAILABLE: Library of Congress

Card 3/3 VK/jb 1-29-60

3

DERYAGIN, Georgiy Aleksandrovich; KOSHELEV, G.M., inzh., retsenzent; YEROKHIN, A.A., kand.tekhn.nauk, retsenzent; KONDRATOV, A.S., kand.tekhn.nauk; KONOROV, L.A., dotsent, kand.tekhn.nauk, red.; TOKAR', V.M., red.; GARMUKHINA, L.A., tekhn.red.

[Using technological methods for increasing the durability of machine parts] Povyshenie vynoslivosti detalei mashin tekhnologicheskimi metodami. Moskva, Gos.nauchno-tekhn.izd-vo Oborongiz, 1960. 202 p. (MIRA 13:11)
(Machine-shop practice)

S/536/60/000/045/004/006
E194/E184

AUTHOR: Kondratov, A.S., Candidate of Technical Sciences.

TITLE: An investigation of the influence of vibration on cutting tool life

PERIODICAL: Moscow. Aviatsionnyy tekhnologicheskiy institut. Trudy. No.45, Moscow, 1960. Issledovaniye protsessov obrabotki metallov rezaniyem. pp. 110-128.

TEXT: This article describes a study of the influence of vibration on the life of cutting tools. It also gives the results of investigations to establish the influence of cutting conditions and tool geometry on the intensity of low frequency vibrations with various degrees of rigidity in the system lathe - work-piece - tool. The tests were made on a screw cutting lathe produced by Gustlow Werke with a centre height of 240 mm and distance between centres of 1200 mm. The steels tested were grades 30ХГСА (30KhGSA) and 22-11-2.5 with ultimate strength of 70-75 kg/mm^2. The work-pieces of the latter steel were regular production tubes of 230 mm outside diameter, 170 mm inside diameter, 340 mm long. The work on the influence of cutting speed, feed, depth of cut and

Card 1/ 3

An investigation of the influence S/536/60/000/045/004/006
E194/E184

principal angle on the intensity of low frequency vibrations is first described. The procedure for measuring the rigidity of supports and of fixing of the work-piece in the chuck is explained and finally work on the relationship between tool life and system rigidity is described. It is concluded that vibration in machining greatly affects the life of high speed steel and carbide tools. With the appearance of vibration the operating conditions of the cutting edge change, as a result of which the actual value of the cutting speed may be double the nominal value, i.e. $v_{max} = 2v$. During vibration, tool life depends on the ratio

$$v_{max}/v$$

and if this does not exceed about 1.15 the tool life remains the same as without vibration even if intense low frequency vibration is present. In the presence of high-frequency vibration the life of T15K6 (T15K6) carbide tools (titanium carbide 15%, tungsten carbide 79%, cobalt 6%) decreases by a factor of 3 - 5 compared with that in the absence of vibration. The life of tools of the high speed steel P18 (R18) is even more affected by low frequency

Card 2/3

vibration than in the case of tools tipped with the carbide T15K6. In machining heat resistant alloy EI-437 with a tool of R18 the tool life theoretically diminishes by a factor of 1 024; the tests showed that with this alloy even small vibrations greatly reduce tool life. Consequently the set-up must be much more rigid than when using tool steels less sensitive to vibration.
Professor E.A. Satel' and A.P. Sokolovskiy are mentioned in the article.
There are 18 figures, 5 tables and 2 Soviet references.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000824210013-0"

KONDRATOV, A.S., kand.tekhn.nauk

Experimental determination of the relationship between cutting speed and the strength of cutting tools along the cutting path. Vest.mash. 41 no.2:58-59 F '61. (MIRA 14:3)
(Metal cutting)

BARMIN, B.P.; KONDRATOV, A.S.

Friction dynamic vibration damper. Mashinostroitel' no.2:12-13 F '63. (MIRA 16:3)

(Damping (Mechanics))

KONDRATOV, A.S., kand.tekhn.nauk

Methods for experimental establishment of high-speed turning conditions in machine shops. Vest.mashinostr. 43 no.4:59-61 Ap '63. (MIRA 16:4)
(Turning)

BARMIN, B.P., kand. tekhn. nauk; KONDRATOV, A.S., kand. tekhn. nauk

Resistance to vibration of boring bars. Vest. mashinostr. 43 no.7:59-64 Jl '63. (MIRA 16:8)

(Drilling and boring machinery—Vibration)

KONDRATOV, A.S., kand. tekhn. nauk; BARMIN, B.P., kand. tekhn. nauk

Effect of the vibration of the "machine tool-part-cutting tool" system on the durability of cutting tools. Izv. vys. ucheb. zav.; mashinostr. no.2:187-199 '64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut tekhnologii i organizatsii proizvodstva.

KONDRATOV, A.S., kand.tekhn.nauk; BARMIN, B.P., kand tekhn.nauk

Low frequency vibration damper for lathes. Mashinostroitel' no. 5:32-33 My '64. (MIRA 17:7)

KONDRATOV, A.S., kand.tekhn.nauk; BARMIN, B.P., kand.tekhn.nauk

Criteria of the resistance to vibration of a technological system. Vest.mashinostr. 44 no. 2:58-61 F '64. (MIRA 17:7)

KONDRATOV, A. V., Avakova, B. A, and Shostakovskiy, Z. F.

"Use of Vinyline Balsam in the Treatment of Burns"

Novostkava Meditsina, No 6, 1949
S782, p35

KONDRATOV, A. V.

Graduate Student

Dissertation: "The Acclimatization of the Barguzin Sable in the Urals", Cand Biol sci, Moscow Fur & Pelt Inst, 28 Jun 54. (Vechernaya Moskva, Moscow, 18 Jun 54)

SO: SUM 318, 23 Dec 1954

KONDRATOV, G.D.

Calculating structure protection pillars against the harmful effect of surface subsidence during underground coal gasification in the Moscow Basin. Podzem. gaz. ugl. no.1:16-17 '59.
(MIRA 12:6)

1.Podmoskovnaya stantsiya "Podzemgaz."
(Moscow Basin--Coal gasification, Underground)
(Subsidences (Earth movements))

KONDRATOV, G.V. CAND MED SCI

Dessertation: "Evaluation of the Hydrophilic Mc Clure Aldrich Test for Dehydration of Tissues in Case of Acute Obstruction of the Intestines."

22 Nov 49

Central Inst for the Advanced Training of Physicians

SO Vecheryaya Moskva
Sum 71

SOV/137-58-11-22283

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 11, p 63 (USSR)

AUTHOR: Kondratov, I. Ya.

TITLE: Flowsheet Problems Considered in all Aspects (Vsestoronnyaya razrabotka tekhnologicheskikh voprosov)

PERIODICAL: V sb.: Materialy Soveshchaniya glavn. metallurgov z-dov i in-tov avtomob. prom-sti. Nr 5. Moscow, 1958, pp 10-12.

ABSTRACT: Descriptions are offered of the results of the introduction of manufacture of bimetallic Diesel engine inserts made of Pb-bronze powder at the Yaroslavl' Automobile Plant. Addition of graphite was omitted, as tests showed that this impaired the performance of the inserts in the engines. Unstabilized Cu powder (not washed with soap solution) is used, as the sinterability of the mixes is improved thereby. Note is taken of investigation of the influence of small additions of Ti and B on the mechanical properties of Pb bronze, investigation of the influence of various underlayers on the strength of adhesion of antifriction coatings to steel bases, and of the development of methods of increasing the life of Pb-bronze by leaching the Pb. Laboratory and service investigations of 25 Fe-graphite products are in progress simultaneously. A. N.

Card 1/1

ACCESSION NR: AP5018280 EWP(t)/EWP(b) [illegible] UR/0108/65/000/007/0108/0111

MJW, JD/EM

AUTHOR: Semenov, Yu. N.; Kondratov, I. Ya.; Semenov, R.A.

TITLE: Application of current-conducting powder composition on metal parts by roll welding and rolling

SOURCE: Poroshkovaya metallurgiya, no. 7, 1965, 108-111

TOPIC TAGS: metal powder application, seam welding, metal powder rolling, electroconductive powder

ABSTRACT: A method was developed for applying powder compositions to metal parts [illegible] and rolling of the [illegible] strips and rings were carried [illegible] Model-100 roll welder. [illegible] were stated with [illegible] Sc, Al, Fe, Ti granules. [illegible] layers were as good as those [illegible] others.

Card 1/2

L 61076-65

ACCESSION NR: AP5018280 4

Experiments with ferromagnetic powders were unsuccessful because the powder came [illegible] steel specimen under the influence of an alternating magnetic field created by the passage of current from one roll to the next. The use of [illegible] current units is recommended for the welding and rolling of ferromagnetic powders on metal parts. [illegible] process is highly reproducible and can be readily automated. "M.N. [illegible] V. Semiamov, L.T. But, and V. V. Kep[illegible] participated in the work." [illegible] art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 20Aug64 ENCL: 00 SUB CODE: MM, IE

NO REF SOV: 003 OTHER: 002

Card 2/2

KONDRATOV, K.P.

ZHEREBTSOV, I.P.; KONDRATOV, K.P.; MALYAVKO, P.Ya., redaktor; SOLOVEY-CHIK, A., tekhnicheskiy redaktor.

[Rural radio amateur] Sel'skii radioliubitel'. [Leningrad] Leningradskoe gazetno-zhurnal'noe i knizhnoe izd-vo, 1949. 133 p.(MLRA 8:1)
(Radio--Amateurs' manuals)

KONDRATOV, K. P.

PA 236T48

USSR/Electronics - Television Sep 52
Damping Tube

"Use of the Damping Tube Voltage," K. Kondratov, Detskoye Selo, Leningrad Oblast

"Radio" No 9, p 47

Suggests that the negative voltage developed across the load of the damping tube (75-90 v) be used to obtain bias voltage in television receivers having separately-excited line-scanning oscillators. This voltage remains almost constant when the frequency of the line scanning blocking oscillator changes and fluctuations are negligible when a 1 μfd capacitor is connected across it.

236T48

KONDRATOV, L. A.

AID P - 3389

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 4/30

Author : Kondratov, L. A., Eng.

Title : Adjusting the coal-handling system for highly moist coal

Periodical : Energetik, 10, 9-10, O 1955

Abstract : The author describes conditions of coal-handling existing at steam-electric power stations employing highly moist brown coal from Aleksandriya. The moisture content was 48 to 58%. The author gives a detailed description of fuel-handling arrangements, which were improved to obtain better results. Four drawings.

Institution : None

Submitted : No date

KONDRATOV, L. I.

Dissertation: "Pine Tree, Pressed According to a Closed Circular Contour." Cand. Tech Sci, Leningrad Forestry Engineering Academy, Leningrad, 1954. (Referativnyy Zhurnal--Mekhanika, Moscow, Jun 54)

SO: SUM 318, 23 Dec. 1954

KONDRATOV, L.I.

Compression of wood along a closed circular contour. Der.i lesokhim. prom. 3 no.5:14-18 My '54. (MLRA 7:6)

1. Voronezhskiy sel'skokhozyaystvennyy institut. (Wood, Compressed)

KONDRATOV, L.I., kandidat tekhnicheskikh nauk; OGARKOV, B.I., kandidat tekhnicheskikh nauk.

Internal compression of hollow wooden parts. Der.prom. 5 no.2: 13 F '56. (MLRA 9:5)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(Woodwork)

KONDRATOV, L.I., kandidat tekhnicheskikh nauk.

Compressing long round wooden rods. Der.prom 5 no.11:17-18 N '56. (MLRA 10:1)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(Wood, Compressed)

KONDRATOV, L.I.; OGARKOV, B.I., dotsent.

Compressed wood bobbins for sliver lappers. Tekst.prom.16 no.1:52-53 Ja '56. (MLRA 9:4)
(Voronezh--Bobbins (Textile machinery))

AUTHOR: Kondratov, L.I., Candidate of Technical Sciences and Koshcheev, M.S., Engineer.

TITLE: Bearings of pressed wood for mortar mixers. (Podshipniki rastboromeshalok iz spressovannoi dreveiny.)

PERIODICAL: "Mekhanizatsiya Stroitel'stva" (Mechanisation of Construction) 1957, Vol. 14, No. 1, p. 27 (U.S.S.R.)

ABSTRACT: The Voronezh Combine Gorzhilkommunstroi is manufacturing the S - 50 mortar mixer with the transmission shaft of the mixing drum made from laminated compressed wood. The shaft is made with the aid of cylindrical steel sleeves. The wood is strengthened and the mechanical properties are improved. Tests carried out in the Voronezh Agricultural Institute proved that the shaft compressed along circular contours received the highest compression on the perimeter and the smallest in the centre. The core, which is compressed to the lowest degree, is removed during the processing. Tests showed that the shaft is sufficiently strong to withstand twists and impacts. The working life of these wooden components is approximately 10 months. Manufacturing data: Moisture content of the timber: 15 - 20%. degree of compression (in relation to the original dimensions): 50 - 55%, steam-curing of the wood: 1 - 1.5 hours. The curing is carried out immediately before compression. Drying of the compressed product lasts for 8 - 12 hours, at a temperature of 85 - 100 °C.
There are 2 graphs and 1 Russian reference.

L.I.

Investigating the strength of pressure-treated pine wood compressed perpendicularly to the fiber. Der.prom. 9 no.7:11-13 '60. (MIRA 13:7)

1. Voronezhskiy sel'skokhozyaystvennyy institut.

KONDRATOV, L. N.

Russko-angliiskii politekhnicheskii slovar'. Moskva, Gostekhizdat, 1948. 348 p.
Title tr.: Russian-English technical dictionary.

T9.K76

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

S/0084/64/000/001/0010/0010

ACCESSION NR: AP4017785

AUTHOR: Kondratov, M. (Engineer)

TITLE: New cabin layout for the An-24

SOURCE: Grazhdanskaya aviatsiya, no. 1, 1964, 10

TOPIC TAGS: aircraft, civil aviation

ABSTRACT: In the old cabin layout of the An-24 passenger aircraft, the stewardess was stationed in the same nose compartment with the pilot and co-pilot (which proved inconvenient); aft of the nose compartment was a cargo space (with door) to starboard and baggage storage to port, followed by the main passenger cabin, then the toilet to starboard and entryway to port, followed by the baggage room (with door to starboard) and winter-clothing locker (to port.) The new layout has the toilet shifted to forward, on the port side, just aft of the nose compartment; aft of its is a baggage compartment and opposite to starboard is a winter-clothing locker. Aft of these compartments is the main cabin, in which all seats now face forward, and two children's cradles are installed in front of the last tier of seats. Aft of the main cabin is the buffet and stewardess's

Card 1/2

ACCESSION NR: AP4017785

station, to starboard, the entryway to port, followed by a winter-clothing locker and by another baggage room. Cargo, baggage, and passenger entry doors remain as before. Ventilation and insulation have been improved. Orig. art. has: 1 photo, 1 drawing.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 13Mar64 ENCL: 00

SUB CODE: AC NO REF SOV: 00 OTHER: 00

Card 2/2

KONDRATOV, M. G.

KONDRATOV, M. G.--"X-ray Pictures of Coronary Arteries of the Heart in Sudden Death. (Forensic Medicine Material). " *(Dissertation for Degrees in Science and Engineering Defened at USSR Higher Educational Institutions.) Min of Health Protection Ulkrainian SSR, Kharkov Medical Inst, Kharkov, 1955

SO: Knizhnaya Letopis' No. 25, 18 Jun 55

* For Degree of Candidate in Medical Sciences

KONDRATOV, M.G.; SYCHEV, M., red.; ALEKSEYEV, N., tekhn. red.

[Studies in forensic medical roentgenology] Ocherki sudebnomeditsinskoi rentgenologii. Lugansk, Luganskoe oblastnoe izd-vo, 1960. 164 p. (MIRA 17:2)

TSOGOYEV, Nikolay Aleksandrovich; LOMOV, Aleksandr Mikhaylovich; KONDRATOV, N.M., red.; MURAKAYEVA, A.K.; UMANSKIY, P.A., tekhn.red.

[Nonferrous metallurgy in Uzbekistan] TSvetnaia metallurgiia Uzbekistana. Tashkent, Gos.izd-vo Uzbekskoi SSR, 1959. 23 p. (MIRA 14:3)

(Uzbekistan--Nonferrous metals)

KONDRATOV, P.

Difficulties of packing plants. Mias. ind. SSSR 29 no.5:29 '58. (MIRA 11:10)

1. Kurganskiy sovnarkhoz.
(Kurgan Province--Meat industry)

KONDRATOV, P.I.; GEL'MAN, A.D.

Oxalate compounds of tetravalent neptunium. Radiokhimiia 2 no.3:315-319 '60. (MIRA 13:10)
(Neptunium compounds)

24083
S/186/60/002/006/004/026
A051/A129

21.4200

AUTHORS: Kondratov, P.I., Gel'man, A. D.

TITLE: Neptunium Phenylarsonates (IV) and (VI)

PERIODICAL: Radiokhimiya, v. 2, no. 6, 1960, 659 - 662

TEXT: The conditions of a quantitative precipitation of neptunium phenylarsonates (IV) and (VI) were established. The solubility products of the latter were computed, which are equal to: $SP_{NpR_2} = (2.7 \pm 2.5) \cdot 10^{-30}$, and $SP_{NpO_2R} = (1 \pm 0.2) \cdot 10^{-14}$, respectively. The method of solubility was used to study the interaction of tetra-, penta- and hexa-valent neptunium with phenylarsonic acid. The solubility of the (IV) and (VI) neptunium phenylarsonates was studied, depending on the acidity of the solution and the concentration of the precipitating agent. Figures 1 - 3 are graphs showing the experimental results in curves of the relation: lgS versus $lg[H^+]$, lgS versus $lg[H_2R]$, where S is the solubility, H_2R the conditional symbol of the phenylarsonic acid. The conditions

Card 1/

Neptunium phenylarsonates (IV) and (VI)

of the quantitative precipitation are found by determining the equilibrium constant of the reaction:

$$Np^{4+} + 2H_2R \longrightarrow Np(R)_2\downarrow + 4H^+ \qquad (1)$$

$$K_p = \frac{[NpR_2] \cdot [H^+]^4}{[Np^{4+}] \cdot [H_2R]^2} \quad \text{or} \quad [Np^{4+}] = \frac{[H^+]^4 \cdot [NpR_2]}{[H_2R]^2 \cdot K_p}.$$

Taking the logarithm of this expression, the following equation is derived:

$$\lg [Np^{4+}] = 4 \lg [H^+] - 2 \lg [H_2R] - \lg K, \quad \text{where } K = \frac{Kp}{[NpR_2]}, [NpR_2] = \text{const.}$$

Assuming that under conditions of precipitation the solubility is determined by the Np^{4} ions, then $\lg S = [Np^{4+}] = 4 \lg [H^+] - 2 \lg [H_2R] - \lg K$, If the precipitation is carried out at constant $[H_2R]$, then:

Card 2/7

Neptunium phenylarsonates (IV) and (VI)

$$\lg S = \frac{1}{K \cdot [H_2R]^2} + 4 \lg [H^+]. \qquad (2)$$

The latter expression is said to represent the relationship of S to the acidity of the solution. Figures 1 - 3 show that the solubility of neptunium phenylarsonate (IV) increases proportionally to the fourth degree of the hydrogen ion concentration and decreases proportionally to the second degree of the concentration of the precipitating agent. This confirms the validity of equation (1) under these conditions. Extrapolating the tangents (in Figure 2) to

$$[H^+] = 1, \lg S_0' = \lg \frac{1}{K \cdot [H_2R]^2},$$

from which, knowing the value of $[H_2R]$, K is easily determined. $\lg S_0'' = \lg \frac{[H^+]^4}{K}$ is determined in a similar way from Figure 3. The average value of K found from Figures 1, 2, 3 is equal to:

Card 3/7

Neptunium phenylarsonates (IV) and (VI)

$(1.2 \pm 1) \cdot 10^6 = \frac{[H^+]^4}{[H_2R]^2[Np^{4+}]}$. The expression obtained is used to calculate the solubility of neptunium at a given acidity and concentration of the precipitating agent.

$$SP = [Np^{4+}]\,[R^{2-}]^2 = \frac{[R^{2-}]^2\,[H^+]^4}{K \cdot [H_2R]^2} = \frac{K_d^2}{K} = (2.7 \pm 2.5) \cdot 10^{-30},$$

where K_d is the dissociation constant of the phenylarsonic acid equal to $1 \cdot 10^{-12}$ (Ref. 4: D. Pressman, D. H. Brand, J. Am. Chem. Soc., 65, 4, 540, 1943; Ref. 5: V. N. Portnov, ZhOKh, 18, 4, 594, 1948). The conditions of the quantitative precipitation of neptumium are determined from the reaction

$$NpO_2^{2+} + H_2R \longrightarrow NpO_2R\downarrow + 2H^+,$$

which in turn is determined from the equilibrium constant K.

Card 4/7

Neptunium phenylarsonates (IV) and (VI)

$K = \frac{[H^+]^2}{[NpO_2^{2+}]\,[H_2R]} = 99 \pm 16$. The value of K is said bo be connected with the solubility product of the neptunium phenylarsonate:

$$SP = [NpO_2^{2+}]\,[R^{2-}] = \frac{[H^+]^2\,[R^{2-}]}{K \cdot [H_2R]} = \frac{K_d}{K}, \text{ thus, } SP = (1 \pm 0.2) \cdot 10^{-14}.$$

There are 3 figures, 1 table and 5 references: 3 Soviet-bloc and 2 non-Soviet-bloc. The references to the English language publications read as follows: A. Voigt, N. Sleight, R. Hein, S. Wreight, The transuranium elements, 14B, 15, 9, N. Y., 1949; D. Pressman, D. H. Brand, J. Am. Chem. Soc., 65, 4, 540, 1943.

SUBMITTED: January 15, 1960.

Card 5/ 7

KAZANTSEV, Ye.I.; KONDRATOV, P.I.; KALINICHENKO, B.S.; GEL'MAN, A.D.

Study of the elution of neptunium from the anion exchanger AM.
Radiokhimia 4 no.1:81-84 '62. (MIRA 15:4)
(Neptunium) (Ion exchange resins)

KONDRATOV, V.

Television in Anzhero-Sudzhensk. Mast.ugl. 8 no.1:25 Ja '59. (MIRA 12:3)

(Kuznetsk Basin--Television stations)

IL'INA, M.; KONDRATOV, V. (Anzhero-Sudzhensk); SHEBANOV, V.(g.Kolomna); SARAYEV, P.; MAKSUDOVA, V., inzh.

For one hundred billions. Izobr.i rats. no.4:54 Ap '60. (MIRA 13:6)

1. Sotrudnik mnogotirazhnoy gazety "Zavodskaya pravda," Khar'kov (for Il'ina). 2. Starshiy inzhener po izobretaltel'stvu tresta Anzherugol' (for Kondratov). 3. Sotrudnik zavodskoy gazety Kolomenskogo teplovozostroitel'nogo zavoda im. Kuybysheva (for Shevanov). 4. Predsedatel' oblastnogo soveta Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov, g.Chita (for Sarayev). 5. Respublikanskiy sovet Vsesoyuznogo obshchestva izobretateley i ratsionalizatorov, g.Baku (for Maksudova).

(Technological innovations)

PARFENOV, V.D.; KONDRATOV, V.A.

Characteristics of the formation of shifting dislocations in the Karamazar Mountains. Geotektonika no.1:68-79 Ja-F '66. (MIRA 19:1)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova, geologicheskiy fakul'tet.

KONDRATOV, V.K.; ROS'YANOVA, N.D.; KOKSHAROV, V.G.; BELYAYEVA, G.F.

Determination of diphenic and phthalic acids in mixtures obtained by oxidation of phenanthrene. Zhur. anal. khim. 20 no. 11:1255-1257 '65 (MIRA 19:1)

1. Submitted November 24, 1964.

POTEKHIN, B.A.; [illegible]NDRATOV, V.M.

Deformations during the heat treatment of low-module gear. Metalloved. i term. obr. met. no.9:48-49 S '64. (MIRA 17:11)

1. Ural'skiy politekhnicheskiy institut.

BUDRIN, D.V.; KONDRATOV, V.M.

Characteristics of the sprayer method of cooling during heat treatment. Izv. vys. ucheb. zav.; chern. met. 7 no.11:168-173 '64. (MIRA 17:12)

1. Ural'skiy politekhnicheskiy institut.

BOGACHEV, I.N.; POTEKHIN, B.A.; KONDRATOV, V.M.; MALINOV, L.S.

Effect of heat treatment on the mechanical properties of Kh10G10 austenitic steel. Izv. vys. ucheb. zav.; chern. met. 8 no.7:161-165 '65. (MIRA 18:7)

1. Ural'skiy politekhnicheskiy institut.

L 62600-65 EWP(z)/EWT(m)/EWP(b)/T/EWA(d)/EWP(t) MJW/JD

ACCESSION NR: AP6018180 UR/0148/65/000/007/0155/0160
669.15-194:669.26'74:621.785.6

AUTHOR: Bogachev, I. N.; Budrin, D. V.; Kondratov, V. M.; Potekhin, B. A.

TITLE: A complex method of determining the hardenability of austenitic steels

SOURCE: VIUZ. Chernaya metallurgiya, no. 7, 1965, 155-160

TOPIC TAGS: steel hardenability, austenite, steel quenching, steel hardening/30Kh10G10 steel

ABSTRACT: By hardenability of austenitic steels is meant the distance from the cooled surface at which a purely austenitic structure or a desired set of mechanical properties can be obtained. The hardenability of austenitic steels should not be characterized by the [illegible] in determining the hardenability of the unstable austenitic steel 30Kh19G10, [illegible] a complex method which involved a determination of the depth of the hardened layer from the mechanical properties, form of the break, microstructure, and phase composition obtained by x-ray analysis. In order to obtain high mechanical properties in 30Kh19G10 steel at the greatest possible depth [illegible] heat treatments were carried out in which specimens in the form of plates were subjected to end-quenching with a sprayer. The depth of hardenability was found to be 64 mm. No carbides were present

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L 62600-65

ACCESSION NR: AP5018180

depth of 88 mm. The results show that the method employed makes it possible [illegible] accurately the boundary of the hardened layer in austenitic steels. It was [illegible] the structure of cast 30Kh10G10 steel consists of austenite and a certain amount [illegible] phase, ϵ phase, and carbides, which reduce its resistance to cavitation. Cooling in a sprayer as compared to cooling in stationary water can increase the depth of the hardened layer by a factor of 1.6. Orig. art. has: 5 figures and 1 table.

ASSOCIATION: Ural'skiy politekhnicheskiy institut (Ural'sk Polytechnic Institute)

SUBMITTED: 27Oct 64 ENCL:00 SUB CODE: MM

[illegible] SOV: 007 OTHER: 001

Card 2/2

L 52601-65 EWP(z)/EWT(m)/EWP(b)/T/EWA(d)/EWP(w)/EWP(t) MJW/JD

ACCESSION NR: AP5018181 UR/0148/65/000/007/0161/0165
669.15-194:669.26'74:621.78

AUTHOR: Bogachev, I. N.; Potekhin, B. A.; Kondratov, V. M.; Malinov, L. S.

TITLE: Effect of heat treatment on the mechanical properties of 30Kh10G10 austenitic steel

SOURCE: IVUZ. Chernaya metallurgiya, no. 7, 1965, 161-165

TOPIC TAGS: steel hardening, austenite, martensite, steel mechanical property, heat treatment, plastic deformation / 30Kh10G10 steel

ABSTRACT: The study is concerned with finding the best heat treatment conditions for producing superior mechanical properties in 30Kh10G10 cast steel; for comparison, the mechanical properties of forged pieces were tested. The mechanical properties of cast and forged specimens were improved through a combined heat treatment (quenching from [illegible] again at 800C, cooling in water, and quenching again from 1100C) which raised [illegible] strength by a factor of almost two and the plastic characteristics by a factor of three as compared to the cast state. The phenomena [illegible] the heat treatment are described. The formation of martensite during deformation in the presence of an austenitic structure in the original state causes an increase in plasticity and a

Card 1/2

L 62691-65

ACCESSION NR: AP5018181

lowering of the yield point; if a considerable amount of martensite is obtained in the [illegible] structure by heat treatment or in the course of flow cooling of the casting, the [illegible] point and a reduce[illegible] [illegible] ing from [illegible] markedly improves the mechanical prope[illegible] [illegible] steel, as a result of [illegible] of the grain. Unstable Fe-Mn [illegible] [illegible] display [illegible] point even under slight plast[illegible] [illegible] deformation by [illegible] ing raises the yield point of [illegible] [illegible] purity must be [illegible] d in designing machine parts made of this steel. Orig. art. has: 2 figures and 4 tables.

ASSOCIATION: Ural'skiy politekhnicheskiy institut (Ural'sk Polytechnic Institute)

SUBMITTED: 16Mar65 ENCL: 00 SUB CODE: MM

NO REF SOV: 005 OTHER: 003

Card 2/2

KONDRATOV, V. P.

...cock and Wilcox boilers fed ... and ... showed acid corrosion which ... by addn. of NaCl into the firebox or by coating the tubes with a lime soln. Striking results were obtained ... heating the water to 130°

L 65131-65 EWT(m)/EWP(j) RM

ACCESSION NR: AP5021625 UR/0286/65/000/013/0108/0108

AUTHORS: Puzyrev, S. A.; Sedov, A. V.; Kondratov, V. V.; Kaydanskiy, E. I.

TITLE: A method for producing paper. Class 55, No. 172623

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 13, 1965, 108

TOPIC TAGS: paper, filter paper, fuel purification, oil straining, cellulose, resin, mica

ABSTRACT: This Author Certificate presents a method for producing filter papers used for purifying liquid fuel and oil. The paper is made by pouring paper mass onto the sieve of a paper-making machine. To improve the filtering quality of the paper, a mixture of 30-40% mercerized sulfate cellulose, 20-30% of nonmercerized sulfate cellulose, 35-40% of henbane and aspen cellulose, 4-5% of white colophony glue, and 4-5% melaminoformaldehyde resin (by weight) are used as the raw material for the mass which, after being poured onto the sieve of the paper making machine, is reinforced with mica ribbon.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut tsellyulozno-bumazhnoy promyshlennosti (All-Union Scientific Research Institute of the Cellulose and Paper Industry)

Card 1/2

L 65131-65

ACCESSION NR: AP5021625 O

SUBMITTED: 13Jul64 ENCL: 00 SUB CODE: IE

NO REF SOV: 000 OTHER: 000

Card 2/2

KHIMICH, Georgiy Lukich, inzh.; GOLUBKOV, Konstantin Alekseyevich; KONDRATOV, Yuriy Nikolayevich; NISKOVSKIKH, Vitaliy Maksimovich; SIDELEV, Nikolay Petrovich; PAL'KOV, Ye.V., doktor tekhn. nauk, retsenzent; DUGINA, N.A., tekhn. red.

[Improving the quality and economic efficiency of machinery] Povyshenie kachestva i ekonomichsnoti mashin. Pod red. G.L. Khomicha. Moskva, Mashgiz, 1962. 124 p. (MIRA 15:7)
(Machinery industry)

SAMOYLOV, Sergey Ivanovich, prof.; GORELOV, Valentin Mikhaylovich, inzh.; BRASLAVSKIY, Veniamin Markovich, kand. tekhn. nauk; KONDRATOV, Yuriy Nikolayevich, inzh.; KALININ, Ignat Andreyevich, inzh.; KUROCHKIN, Vasiliy Mikhaylovich, inzh.; POPOV, Vladimir Artem'yevich, insh.; KOZLOV, Kirill Georgiyevich, inzh.; FEDOROV, Boris Fedorovich, kand. tekhn.nauk; STEPANOV, Valentin Vladimirovich, kand. tekhn. nauk; DUGINA, N.A., tekhn. red.

[Technological processes in the manufacture of heavy machinery] Tekhnologiia tiazhelogo mashinostroeniia. Pod red. S.I.Samoilova Moskva, Mashgiz, 1962. 589 p. (MIRA 16:4)
(Machinery industry)

KONDRATOVA, D.P.

"Eve, Cleopatra and thou" by Horst Lachmann. Reviewed by D.P. Kondratova. Zdorov'e 5 no.9:29 S '59. (MIRA 12:11)
(WOMEN--HEALTH AND HYGIENE) (LACHMANN, HORST)

1. TSEYTLIN, A. YA., SHTERN, D. I., KONDRATOVA, K. G.

2. USSR (600)

4. Slag cement

7. Use of ferromanganese and specular cast-iron slags in the production of slag portland cement. Tsement no.2, 1952.
Inzh.

9. Monthly List of Russian Accessions, Library of Congress, August, 1952.
UNCLASSIFIED

TSEYTLIN, A.Ya., inzhener; KONDRATOVA, K.G., inzhener

Speedy method of testing slag portland cement. TSement 21 no.2:23-24 Mr-Ap '55. (MLRA 8:8)

1. Kosogorskiy tsementnyy zavod.
(Slag cement--Testing)

KONDRATOVA, K.G.; KUZOVLEV, A.I.; GUREVICH, E.Ye.; MALEINA, A.P.; MATROSOVA, N.I.

Rendering cyanide in waste waters harmless with liquid chlorine. Stal' 24 no.10:946 O '64. (MIRA 17:12)

1. Kosogorskiy metallurgicheskiy zavod.

KONDRATOVA, K.Z.

ELISEYEVA, E.F.; KONDRATOVA, K.Z.

Clinical aspects and epidemiology of epidemic parotitis. Pediatriia, Moskva No.1:20-22 Jan-Feb 51. (CIML 20:6)

1. Of the Department of Children's Infections, Ivanovo Medical Institute (Head of Department -- Prof.S.D. Nosov).

VADIKOVSKAYA, L.M.; KAUFMAN, I.M.; KONDRATOVA, N.A.; PETROV, S.A., kand.tekhn.nauk, nauchnyy red.; KHOVANSKIY, I.P., tekhn.red.

[Machine-tractor stations constitute a decisive factor in collective farm production. Bibliography on the mechanization of agriculture as an aid to workers in machine-tractor stations] MTS - reshaiushchaia sila kolkhoznogo proizvodstva. Rekomendatel'nyi ukazatel' literatury po mekhanizatsii sel'skogo khoziaistva v pomoshch' rabotnikam MTS. Nauchnaia red. S.A.Petrova. Moskva, 1954. 80 p. (MIRA 13:4)

1. Moscow. Publichnaya biblioteka.
(Bibliography--Machine-tractor stations)

PRUTSKOVA, M.G., kand. sel'khoz. nauk; UKHANOVA, O.I., star. agronom; ZHAROVA, Ye.N., star. agronom; KONDRATOVA, N.A., red.; PECHENKIN, I.V., tekhn. red.

[Belotserkovskaia 198 winter wheat] Ozimaia pshenitsa Belotserkovskaia 198. Moskva, Izd-vo M-va sel'.khoz. SSSR, 1960. 63 p. (MIRA 14:8)

1. Russia(1923- U.S.S.R.) Gosudarstvennaya komissiya po sortoispytaniyu sel'skokhozyaystvennykh kul'tur.
(Wheat—Varieties)

PRUTSKOVA, M.G., kand. sel'khoz. nauk; BOLSUNOVSKAYA, O.V., agronom; LOVCHIKOV, I.S., agronom; MARINICH, P.Ye., red.; KONDRATOVA, N.A., red.; PECHENKIN, I.V., tekhn. red.

[New strong and durum spring wheat varieties; Saratov 29, Saratov 210, Bezenchuk 98, Kharkov 46, Melianopus 26] Novye sorta sil'nykh i tverdykh iarovykh pshenits; Saratovskaia 29, Saratovskaia 210, Bezenchukskaia 98, Khar'kovskaia 46, Melianopus 26. Moskva, Izd-vo M-va sel'.khoz. SSSR, 1960. 73 p. (MIRA 14:8)

1. Russia(1923- U.S.S.R.) Gosudarstvennaya komissiya po sortoispytaniyu sel'skokhozyaystvennykh kul'tur. 2. Zamestitel' predsedatelya Gosudarstvennoy komissii po sortoispytaniyu sel'skokhozyaystvennykh kul'tur (Marinich)
(Wheat--Varieties)

KONDRATOVA, N.S.

Soil temperature in the tussock tundra covered with dwarf birch of the Vorkuta region. Vest. Mosk. un. Ser. 6: Biol., pochv. 19 no.5:63-69 S-O '64. (MIRA 17:12)

1. Kafedra fiziki i melioratsii pochv Moskovskogo universiteta.

KONDRATOVA, N.S.

Effect of engineering development of the ground surface on the heat exchange component in the Vorkuta area. Trudy SOIM no.2:33-35 '62.
(MIRA 17:1)

KONDRATOVA, O.T.

F-4

Category : USSR/Magnetism - Ferromagnetism

Abs Jour : Ref Zhur - Fizika, No 1, 1957 No 1415

Author : Zaychikov, N.N., Zheltenkova, R.M., Kondratova, O.T., Korostylev, A.F., Korotkov, Yu.Ye., Mashirin, B.I., Mynkin, Yu.N., Panasyuk, L.S.

Title : Investigation of the Effect of the Chemical Composition on Magnetic Properties of Electrptechnical Iron.

Orig Pub : Tr. Mosk. aviats. in-ta, 1956, vyp. 60, 4-12

Abstract : A statistical study was made of the effect of grain size of the micro-structure and of the chemical composition on the value of H_c of Armco iron, using data obtained in regular production shop tests of the melts (chemical and metallographic data). The correlation coefficient between the value of H_c and the percentage carbon content was found to be $r_{0;1} = 0.301$, and the correlation between H_c and the percentage sulphur contents was $r_{0;2} = 0.372$. H_c increases with increasing contents of C or S. The content of Mn, P, Ni, and Cu, does not exert a noticeable effect on H_c provided its value is within the GOST standard limit. A statistical comparison of the data on the size of the grain of the micro structure of Armco iron and on H_c disclosed a linear relationship between these quantities, and the correlation coefficient was

Card : 1/2

KONDRATOVA, V. (Rostov-na-Donu)

Two Andrews and Aleksandr. Rabotnitsa no.1:29 Ja '63. (MIRA 16:3)
(Domestic education)

KONDRATOVA, V., pedagog

How many fingers on my hand? Rabotnitsa 37 no.10:28 O '59.
(MIRA 13:2)
(Arithmetic--Study and teaching (Primary))

5(4),21(5)

AUTHORS: Panchenkov, G. M., Tolmachev, A. M., Kondratova, V. B.

SOV/76-33-3-38/41

TITLE: On a New Method of Isotope Separation (O novom metcde razdeleniya izotopov)

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 3, pp 734-735 (USSR)

ABSTRACT: Contrary to previous assumptions it was shown (Refs 1-3) that the isotopes of various elements have unequal molar volumes such as hydrogen, lithium, and mercury isotopes. In this paper the authors decribed the separation of oxygen isotopes by means of bis-(N,N'-disalicylal ethylenediamine)--μ-aquo-dicobalt (Ref 4), which strongly absorbs oxygen at 40° C and loses it again at 60° C. In order to determine a "screening effect" of this substance for isotope molecules of oxygen, the authors computed the distribution coefficient α in glass-bulbs of a capacity of 2,000, 1,000, 500, 250, and 125 ml at a pressure of between ≈ 760 and ≈ 380 torr and a temperature of $20 \pm 3°$ C. The results of measurement are listed (Table); they indicate that isotopes may be separated in the

Card 1/2

gas and liquid phase according to the aforesaid method. Corresponding investigations are presently being made by the authors of this paper. There are 1 table and 5 references, 2 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. Lomonosova (Moscow State University imeni Lomonosov)

SUBMITTED: December 3, 1958

KONDRATOVA, V. P.

9546 The determination of free silica (quartz) in rocks and mine dusts. L. M. Shcherbinina, V. P. Kondratova and V. I. Petrashen. *Zh. Prikl. Khim. Leningrad Politekhn. Inst.* 1955, 31, 79–85 *Ref. Zhur. Khim.* 1956 Abstr. No. 38,456 — In the analysis for the determination of free SiO_2 (quartz) as proposed by Gurvits and Podgaits (*Zavod. Lab.* 1949, 15, 985) high results were obtained. A method proposed by Tananaev (*Steklo i Keramika*, 1950, (8), 10) for the determination of free SiO_2 in glass as H_2SiF_6 was used with some modification for the determination of free SiO_2 (quartz) in rocks. Satisfactory results were obtained on testing the method with synthetic mixtures.

G. Brewer

KONDRATOVA, V.P., inzh.; PETRASHEN', V.I., prof., kand. khim. nauk.

Quantitative determination of lead in enamel paints containing lead siccatives. Trudy NPI 27:211-213 '56. (MIRA 10:12)

1. Kafedra analiticheskoy khimii Novocherkasskogo politekhnicheskogo instituta.

(Lead) (Paint)

KONDRATOVA, V.P.; PETRASHEN', V.I.

Photocolorimetric determination of vanadium with the "acidic chromium 2K" reagent. Izv.vys.ucheb.zav.;khim.i khim.tekh. 5 no.2:210-213 '62. (MIRA 15:8)

1. Novocherkasskiy politekhnicheskiy institut, kafedra analiticheskoy khimii.

(Vanadium--Analysis)

KONDRATOVA, Z.A., inzh.; YAKOVLEV, N., inzh.

Technological innovators. Inform. biul. VDNKH no.8:38-39
Ag '63. (MIRA 17:8)

KONDRATOVICH, A.

AID P - 1085

Subject : USSR/Aeronautics

Card 1/1 Pub. 58 - 15/19

Author : Kondratovich, A.

Title : A book about a pilot hero

Periodical : Kryl. rod., 5, 12, 21, D 1954

Abstract : The author reviews critically the book Over a Cold Sea, by Gil'yardi Nikodim, a biography of a famous pilot Safonov, Boris.

Institution : None

Submitted : No date

ACC NR: AT7001776 SOURCE CODE: UR/0196/66/000/010/A006/A006

AUTHOR: Busargin, V. M.; Kondratovich, A. A.

TITLE: Calculation of induced potentials outside of spheroids in stationary uniform fields

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 10A43

REF SOURCE: Tr. Frunzenskogo politekhn. in-ta, vyp. 18, 1965, 9-16

TOPIC TAGS: electrostatic field, electric field, magnetostatic field, hydrodynamic field, induced potential

ABSTRACT: Formulas are derived in Cartesian coordinates for calculating the potential outside of a spheroid when the latter is placed in an originally uniform electrostatic, electric, magnetostatic, or hydrodynamic field. A picture is presented of potential isolines outside a flattened spheroid having an excentricity of 0.972, 0.984, and 0.995, when the external field is directed in parallel to the major axis of the spheroid. The formulas are derived from the known Laplace equation for the specific problem: determination of the electrical potential outside of a spheroid made of a material with conductivity γ_1 and placed in a medium with conductivity γ_2 in the presence of an external constant uniform electric field with intensity E_0. The

Card 1/2 UDC: 537.213.001.24

PRIYEDITIS, A. [Prieditis, A.]; KONDRATOVICH, E.

Significance of microelements, vitamins, and antibiotic substances in increasing productivity of the fish ponds in the Latvian S.S.R. Vestis Latv ak no.3:79-88 '62.

NIKANDROVA, L. I.; GERASIMOVA, N. I.; IVANOVA, L. V.; KONDRATOVICH, G. A.; KRUGLOVA, Ye. G., red.; ERLIKH, Ye. Ya., tekhn. red.

[Analysis of electrolytes and solutions for electroplates and chemical coatings] Analiz elektrolitov i rastvorov; dlia gal'vanicheskikh i khimicheskikh pokrytii. Leningrad, Goskhimizdat, 1963. 310 p. (MIRA 16:3)
(Electrolytes--Analysis) (Electroplating)

KORTSENSHTEYN, Emil' Yakovlevich; PEVZNER, B.M., inzh., retsenzent; KONDRATOVICH, G.M., inzh., retsenzent; IVANOV, A.F., nauchn. red.; OZEROVA, Z. ., red.

[Submersible electric marine pumps] Sudovye pogruzhnye vodootlivnye elektronasosy. Leningrad, Izd-vo "Sudostroenie," 1964. 173 p. (MIRA 17:5)

KONDRATOVICH, K.S.

Possibilities of the long-range prediction of the atmospheric pressure field in the region of the North Atlantic. Meteor. issl. no.9:174-179 '65. (MIRA 19:1)

KONDRATOVICH, K.V.

Comparison of the average monthly values of the hydrometeorological elements and their anomalies with G. IA. Vangengeim's types of atmospheric circulation. Trudy Len. gidrometeor. inst. no.17:118-127 '64. (MIRA 18:6)

Kondratovich, L.S.

TULYAKOV, I.V.; KONDRATOVICH, L.S.

Changes in blood in gold mine workers. Trudy Inst.kraev.pat. AN Kazakh.SSR 4:179-182 '56. (MLRA 10:3)

(BLOOD--ANALYSIS AND CHEMISTRY)
(GOLD MINES AND MINING--HYGIENIC ASPECTS)
(LUNGS--DUST DISEASES)

KONDRATOVICH, M.A.

Effect of functional conditions of depressor mechanisms in experimental hypertension. Vopr.fiziol. no.8:80-88 '54. (MIRA 14:1)

1. Institut fiziologii AN USSR.
(HYPERTENSION, experimental, eff. of stimulation nerves)

KONDRATOVICH, M.A.[Kondratovych, M.A]

Effect of hypothermia on the excitability of vascular interoceptors. Fiziol. zhur. [Ukr.] 7 no.2:221-225 Mr-Ap '61. (MIRA 14:4)

1. Laboratory of Circulatory Physiology of the A.A.Bogomoletz Institute of Physiology of the Academy of Sciences of the Ukrainian S.S.R., Kiev.

(HYPOTHERMIA) (BLOOD VESSELS--INNERVATION)

YESIPENKO, B.Ye.[IEsypenko, B.IE]; KONDRATOVICH, M.A.[Kondratovych, M.A.]; POGREBNYAK, L.P.[Pohrebniak, L.P.], red.; DANEVICH, A.V.[Danevych, A.V.], red.-leksikograf; LIBERMAN, T.R., tekhn. red.

[Russian-Ukrainian dictionary of physiological terminology] Rosiis'ko-ukrains'ki slovnyk fiziologichnoi terminologii. 15000 terminiv. Kyiv, Vyd-vo Akad. nauk URSR, 1963. 201 p. (MIRA 16:5)

(Physiology--Dictionaries)
(Russian language--Dictionaries--Ukrainian)

YENAL'YEV, V.D.; KONDRATOVICH, A.A.; GENDRIKOV, E.P.; DEDOVETS, G.S.

Swelling of the copolymer of styrene with divinyl benzene.
Plast. massy no.8:5-6 '65. (MIRA 18:9)

KONDRATOVICH, M. A.

"The Functional State of the Vascular Motor System During Experimental Hypertension." Cand Med Sci, Inst of Physiology imeni A. A. Bogomol'yets, Acad Sci Ukrainian SSR, Kiev, 1953. (KL, No 15, Apr 55)

SO: Sum. No 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

KONDRATOVICH, M.A.

Functional state of the vasomotor center in experimental hypertension.
Vop. fiziol. no.7:103-108 '54. (MLRA 8:1)

1. Institut fiziologii AN USSR.
(HYPERTENSION, experimental,
vasomotor center funct. in)
(CENTRAL NERVOUS SYSTEM,
vasomotor center in exper. hypertension)

/1959. Reciprocity between the respiratory and [illegible]

a dominant role of the respiratory centre: excitation of [illegible]
was accompanied by raised blood pressure, inhibition of respiration
by a fall in blood pressure. The reactions of [illegible]

diminished [illegible] of hyperventilation [illegible]

KONDRATOVICH, M.A.

Effect of disorders of blood supply of the carotid sinus area on the excitability of the vasomotor center. Medych.zhur.24 no.1:56-62 '54. (MLRA 8:10)

1. Institut fiziologii im. O.O. Bogomol'tsya Akademii nauk URSR, laboratoriya fiziologii krovoobigy ta dikhannya.
(CAROTID SINUS, physiology,
eff. of blood supply disord. on blood pressure)
(BLOOD PRESSURE, physiology,
eff. of carotid sinus blood supply disord.)